

Title (en)

TIP PROTECTOR FOR A SURGICAL INSTRUMENT, ASSEMBLY AND METHOD

Title (de)

SPITZENSCHUTZ FÜR EIN CHIRURGISCHES INSTRUMENT, ANORDNUNG UND VERFAHREN

Title (fr)

PROTECTEUR DE POINTE POUR INSTRUMENT CHIRURGICAL, ENSEMBLE ET PROCÉDÉ

Publication

EP 4103099 A1 20221221 (EN)

Application

EP 21704620 A 20210209

Priority

- IT 202000002551 A 20200210
- IB 2021051025 W 20210209

Abstract (en)

[origin: WO2021161159A1] A tip protector (601) for a surgical instrument (610) having a shaft (611) and an instrument tip (612) near a distal portion (613) of the shaft (611), comprising a tip housing (602) for releasably receiving the instrument tip (612); a clamp system (603), suitable for gripping a portion of the surgical instrument (610) to position the tip protector (601); a distal through opening (605) at or near the distal end (604) of the tip housing (602); said distal through opening (605) has an opening size (606) that is adjustable.

IPC 8 full level

A61B 90/00 (2016.01); **A61B 17/00** (2006.01); **A61B 17/34** (2006.01); **A61B 34/37** (2016.01)

CPC (source: EP KR US)

A61B 17/3496 (2013.01 - KR); **A61B 34/37** (2016.02 - EP KR); **A61B 90/03** (2016.02 - EP KR US); **A61B 90/08** (2016.02 - EP KR); **A61B 17/3496** (2013.01 - EP); **A61B 2017/00336** (2013.01 - EP); **A61B 2017/00477** (2013.01 - US); **A61B 2017/00862** (2013.01 - US); **A61B 2017/2927** (2013.01 - US); **A61B 2017/2939** (2013.01 - US); **A61B 2090/033** (2016.02 - EP KR); **A61B 2090/034** (2016.02 - US); **A61B 2090/0801** (2016.02 - EP KR); **A61B 2090/08021** (2016.02 - US)

Citation (search report)

See references of WO 2021161159A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2021161159 A1 20210819; AU 2021219103 A1 20220901; BR 112022015774 A2 20221011; CA 3166595 A1 20210819; CN 115190783 A 20221014; EP 4103099 A1 20221221; IT 202000002551 A1 20210810; JP 2023514183 A 20230405; KR 20220139963 A 20221017; US 2023144183 A1 20230511

DOCDB simple family (application)

IB 2021051025 W 20210209; AU 2021219103 A 20210209; BR 112022015774 A 20210209; CA 3166595 A 20210209; CN 202180013937 A 20210209; EP 21704620 A 20210209; IT 202000002551 A 20200210; JP 2022548508 A 20210209; KR 20227031414 A 20210209; US 202117760465 A 20210209